

15992 U.S. PTO
022004

**UTILITY
PATENT APPLICATION
TRANSMISSION**

Our Docket No.:
34091/AJT (465403-)

Date: February 20, 2004

First Named Inventor: PETER C. SALMON

Title: COPPER-FACED MODULES, IMPRINTED COPPER
CIRCUITS, AND THEIR APPLICATION TO SUPERCOMPUTERS

Express Mail No.: EV 182098341 US

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

22141 U.S. PTO
10/783662
022004

APPLICATION ELEMENTS

1. ☒ Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification Total Pages: 27
- ☒ Descriptive title of the invention
- ☒ Cross References to Related Applications
- ☐ Statement Regarding Fed. Sponsored R&D
- ☐ Reference to Microfiche Appendix
- ☒ Background of the Invention
- ☒ Brief Summary of the Invention
- ☒ Brief Description of the Drawings
- ☒ Detailed Description
- ☒ Claims
- ☒ Abstract of the Disclosure
4. ☒ Formal Drawings (35 U.S.C. 113) Total Sheets: 19
5. ☒ Oath or Declaration and P.O.A. Total Pages: 3
- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
1. ☐ **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37.C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☒ Power of Attorney (signed)
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement
(with Copies of Citations as necessary)
15. ☐ Preliminary Amendment Total Pages:
16. ☒ Return Receipt Postcard
(Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s)
(if foreign priority is claimed)
18. ☐ Other:

19. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No.:

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

ATTY NAME	Maria S. Swiatek, Reg. No. 37,244 For Aldo J. Test, Reg. No. 18,048	SIGNATURE: <i>Maria Swiatek</i>	DATE February 20, 2004
ADDRESS	DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187		
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APPLICATION FEE TRANSMITTAL SHEET (FY 2004)

Complete if Known

Application No.	Not yet assigned
Filing Date	Herewith
First Named Inventor	PETER C. SALMON
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Atty. Docket Number	34091/AJT (465403-)

METHOD OF PAYMENT (Check One)			FEE CALCULATION (Continued)		
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account No.: <u>50-2319</u> Deposit Account Name: <u>DORSEY & WHITNEY LLP</u> <input checked="" type="checkbox"/> Charge any additional fee required under 37 C.F.R. 1.16 and 1.17 <input checked="" type="checkbox"/> Applicant claims small entity status (see 37 C.F.R. 1.27)			3. ADDITIONAL FEES		
2. <input checked="" type="checkbox"/> Check Enclosed			Large Entity Fee	Small Entity Fee	Fee Description
FEE CALCULATION					Fee paid
1. BASIC FILING FEE					
Large Entity Fee	Small Entity Fee	Fee Description			
160	80	<input type="checkbox"/> Provisional Filing Fee	50	25	Surcharge - late provisional filing fee or cover sheet
770	385	<input checked="" type="checkbox"/> Utility Filing Fee	130	65	Surcharge - Late nonprovisional filing fee or oath
340	170	<input type="checkbox"/> Design Filing Fee	180	180	Submission of IDS
770	385	<input type="checkbox"/> Reissue Filing Fee	40	40	Recording each patent assignment per property (times number of properties)
Subtotal (1)		\$385.00			
2. EXTRA* CLAIM FEES					
Number Claims	Prior	Extra	Fee from Below*		Fee Paid
Total 52	- 20	= 32	x \$9.00	=	\$288.00
Indep. 10	- 3	= 7	x \$43.00	=	\$301.00
Multiple Dependent Claims		=	x \$145.00	=	\$145.00
Subtotal (2)					\$734.00
*Calculation of Extra Claim Fees					
Large Entity Fee	Small Entity Fee	Fee Description			
18	9	Claims in excess of 20	110	55	Extension for reply within first month
86	43	Independent claims in excess of 3	420	210	Extension for reply within second month
290	145	Multiple dependent Claim	950	475	Extension for reply within third month
84	42	Reissue independent claims over original patent	1,480	740	Extension for reply within fourth month
18	9	Reissue claims in excess of 20 and over original patent	2010	1005	Extension for reply within fifth month
			770	385	Submission After Final 1.129
			330	165	Notice of Appeal
			330	165	Filing a brief in support of an appeal
			290	145	Request for oral hearing
			110	55	Terminal Disclaimer Fee
			130	130	Petitions to the Commissioner
			50	50	Petitions related to provisional applications
			1,330	665	Utility/Reissue Issue Fee (including advance copies)
			480	240	Design Issue Fee (inc. advance copies)
			770	385	Request for Continued Examination (RCE)
			300	300	Publication fee for early, voluntary, or normal publication
			300	300	Publication fee for re-publication
			110	55	Petition to Revive - unavoidable
			1,330	665	Petition to Revive - unintentional
OTHER FEE (specify):					
Subtotal (3)					
Total Amount of Payment:			\$1119.00		

Submitted by:

Name: Maria S. Swiatek, Reg. No. 37,244 for Aldo J. Test	Reg. No.: 18,048	Telephone: 650-494-8700
DORSEY & WHITNEY LLP	Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187	Customer Number 32940
Signature:	Date: February 20, 2004	